Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107909.D
Acq On : 2 Aug 2018 15:10
Operator : JU/SJ
Sample : PB111688BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:11 PM

Quant Time: Aug 02 15:53:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	141808	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	631096	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	293982	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	604286	20.00	ng	0.00
75) Chrysene-d12	14.15	240	445137	20.00	ng	0.00
86) Perylene-d12	15.68	264	353278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1125452	134.88	ng	0.02
7) Phenol-d6	6.61	99	1323812	120.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	895471	81.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	478644	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1762704	83.55	ng	0.00
78) Terphenyl-d14	13.08	244	1920999	93.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	158551	41.406	ng	# 85
3) Pyridine	3.72	79	308874m	33.680	ng	
4) n-Nitrosodimethylamine	3.70	42	110311m	25.983	ng	
6) Aniline	6.64	93	452020	39.519	ng	# 64
8) 2-Chlorophenol	6.75	128	458273	43.724	ng	96
9) Benzaldehyde	6.53	77	199558m	30.078	ng	
10) Phenol	6.62	94	578135	44.086	ng	81
11) bis(2-Chloroethyl)ether	6.69	93	552486m	47.379	ng	
12) 1,3-Dichlorobenzene	6.90	146	476044	43.305	ng	99
13) 1,4-Dichlorobenzene	6.97	146	549738	44.925	ng	99
14) 1,2-Dichlorobenzene	7.12	146	507098	44.642	ng	98
15) Benzyl Alcohol	7.12	79	298384	43.655	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	725743	43.288	ng	55
17) 2-Methylphenol	7.22	107	398917m	51.559	ng	
18) Hexachloroethane	7.45	117	183704	41.766	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	314510	45.086	ng	100
20) 3+4-Methylphenols	7.38	107	448120m	47.175	ng	
22) Acetophenone	7.37	105	659091	43.409	ng	# 93
24) Nitrobenzene	7.54	77	443586	38.617	ng	98
25) Isophorone	7.77	82	907182	50.450	ng	100
26) 2-Nitrophenol	7.86	139	252641	43.825	ng	98
27) 2,4-Dimethylphenol	7.90	122	394878	51.163	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	555677	46.891	ng	99
29) 2,4-Dichlorophenol	8.11	162	395327	45.283	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	433394	43.516	ng	97
31) Naphthalene	8.26	128	1417377	48.315	ng	99
32) Benzoic acid	8.04	122	234081m	44.915	ng	
33) 4-Chloroaniline	8.32	127	458441	36.586	ng	99
34) Hexachlorobutadiene	8.36	225	246723	40.088	ng	99
35) Caprolactam	8.70	113	131304m	49.961	ng	
36) 4-Chloro-3-methylphenol	8.81	107	428706	45.216	ng	98
37) 2-Methylnaphthalene	8.95	142	931585	50.554	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	453085	45.203	ng	98
40) Hexachlorocyclopentadiene	9.09	237	344005	79.754	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	263284	47.514	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	333449m	49.986	ng		
45) 1,1'-Biphenyl	9.41	154	1179218	44.076	ng		99
46) 2-Chloronaphthalene	9.44	162	884903	43.861	ng		98
47) 2-Nitroaniline	9.56	65	291223	44.377	ng		94
48) Acenaphthylene	9.86	152	1403464	44.871	ng		99
49) Dimethylphthalate	9.71	163	982384	44.496	ng		100
50) 2,6-Dinitrotoluene	9.79	165	217023	45.232	ng		91
51) Acenaphthene	10.03	154	771305	42.452	ng		99
52) 3-Nitroaniline	9.98	138	210380m	34.796	ng		
53) 2,4-Dinitrophenol	10.08	184	200583	79.393	ng	#	28
54) Dibenzofuran	10.21	168	1184942	42.195	ng		96
55) 4-Nitrophenol	10.17	139	146797m	54.896	ng		
56) 2,4-Dinitrotoluene	10.20	165	272023	43.135	ng	#	85
57) Fluorene	10.55	166	963811	44.161	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	295319	48.198	ng	#	80
59) Diethylphthalate	10.41	149	997107	42.005	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	478089	40.212	ng		91
61) 4-Nitroaniline	10.61	138	231144	43.080	ng		92
62) Azobenzene	10.70	77	945990	42.789	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	136817	41.618	ng		90
65) n-Nitrosodiphenylamine	10.66	169	847135	42.575	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	311620	44.244	ng	#	85
67) Hexachlorobenzene	11.10	284	327252	41.900	ng	#	88
68) Atrazine	11.18	200	255628	43.408	ng		98
69) Pentachlorophenol	11.30	266	285542	74.267	ng		98
70) Phenanthrene	11.52	178	1314280	45.804	ng		99
71) Anthracene	11.57	178	1580130	47.744	ng		99
72) Carbazole	11.74	167	1441031	44.060	ng		98
73) Di-n-butylphthalate	12.04	149	1525526	42.755	ng		100
74) Fluoranthene	12.71	202	1547595	45.910	ng		97
76) Benzidine	12.85	184	841627	58.477	ng		97
77) Pyrene	12.94	202	1510370	47.120	ng		98
79) Butylbenzylphthalate	13.54	149	639230	45.540	ng		90
80) Benzo(a)anthracene	14.14	228	1123567	44.559	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	323833	33.130	ng	#	98
82) Chrysene	14.17	228	1271519	46.752	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	780225	44.215	ng		100
84) Di-n-octyl phthalate	14.71	149	1220692	43.098	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	931270	45.017	ng		93
87) Benzo(b)fluoranthene	15.22	252	859445	49.326	ng		98
88) Benzo(k)fluoranthene	15.25	252	1042085m	48.714	ng		
89) Benzo(a)pyrene	15.61	252	880770	48.966	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	798482	50.891	ng		97
91) Benzo(g,h,i)perylene	17.74	276	776364	51.138	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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